









## Analysis of Algorithms



- Big O Simplification
- Dominance Relations
- Arithmetic Series

$$\sum_{i=0}^{n} i = \frac{n(n+1)}{2}$$

• Analysis of simple functions (iterative and recursive)

## Recursion



- What is recursion?
- Basics
- Backtracking
- Minimax

## Types of Questions



- multiple choice/conceptual
- multiple choice/find the bug
- what does this code do/print?
- analysis of simple functions (as on worksheet W10)
- coding could require the use or manipulation of: -- linked lists
- -- stacks
- -- queues -- simple recursion (no backtracking, minimax)